

Appendix, copy of claims 14, 15, 20 and 27-31, with brackets and underlining to show the changes that have been made by this amendment:

14. (Amended) In a piezoelectric actuator of the type used  
5 for actuating control valves or injection valves of internal  
combustion engines in motor vehicles, the actuator having a  
circular, cylindrical piezoelectric actuator body (1) in the  
form of a multilayered laminate made up of stacked layers of  
piezoelectric material with intervening metallic or  
10 electrically conductive, alternating first and second  
electrode layers (10, 11) that function as electrodes, wherein  
these first and second electrode layers (10, 11) alternately  
contact a first and second electrically conductive common  
electrode connection (12, 13), the improvement wherein the  
15 actuator body (1) has an internal longitudinal bore (2) and at  
least the first common electrode connection (12) is provided  
on the inner wall (3) of the actuator body (1) constituted by  
the internal longitudinal bore (2) and contacts every first  
electrode layer (10) there, wherein the second common  
20 electrode connection (13) is also provided on the inner wall  
(3) of the actuator body (1) and contacts every second  
electrode layer (11) there, and [The piezoelectric actuator  
according to claim 13, wherein] the first and second electrode

connections (12, 13) constitute narrow electrode strips that are disposed diametrically opposite each other and extend in the longitudinal direction of the actuator body (1).

15. (Amended) A piezoelectric actuator for actuating control  
5 valves or injection valves of internal combustion engines in motor vehicles, comprising a circular, cylindrical piezoelectric actuator body (1) in the form of a multilayered laminate made up of stacked layers of piezoelectric material with intervening metallic or electrically conductive,  
10 alternating first and second electrode layers (10, 11) that function as electrodes, wherein these first and second electrode layers (10, 11) alternately contact [a] first and second electrically conductive common electrode connections [connection] (12, 13), said first and second electrode layers  
15 (10, 11) [are] respectively include portions which are disposed on the outer cylinder wall (4) of the actuator body (1) at points that are angularly offset from one another, and each portion from each of the first and second electrode layers contacts [and contact] the first and second electrode  
20 connections (12, 13) [there].

20. (Amended) The piezoelectric actuator according to claim 15, wherein the first and/or second electrode connection (12, 13) constitutes a [wider] contact surface in the form of a

section of a [the] cylinder circumference extending in the circumferential direction at least a substantial extent, and also extending in the longitudinal direction of the actuator body (1).

5 27. (Amended) The piezoelectric actuator according to claim 16, wherein the first and/or second electrode connection (12, 13) constitutes a [wider] contact surface in the form of a section of a [the] cylinder circumference extending in the circumferential direction at least a substantial extent, and  
10 also extending in the longitudinal direction of the actuator body (1).

28. (Amended) The piezoelectric actuator according to claim 21, [16,] wherein the first and/or second electrode connection (12, 13) constitutes a [wider] contact surface in  
15 the form of a section of a [the] cylinder circumference extending in the circumferential direction at least a substantial extent, and also extending in the longitudinal direction of the actuator body (1).

29. (Amended) The piezoelectric actuator according to claim 20 17, wherein the first and/or second electrode connection (12, 13) constitutes a [wider] contact surface in the form of a

section of a [the] cylinder circumference extending in the circumferential direction at least a substantial extent, and also extending in the longitudinal direction of the actuator body (1).

5 30. (Amended) The piezoelectric actuator according to claim 18, wherein the first and/or second electrode connection (12, 13) constitutes a [wider] contact surface in the form of a section of a [the] cylinder circumference extending in the circumferential direction at least a substantial extent, and  
10 also extending in the longitudinal direction of the actuator body (1).

31. (Amended) The piezoelectric actuator according to claim 19, wherein the first and/or second electrode connection (12, 13) constitutes a [wider] contact surface in the form of a  
15 section of a [the] cylinder circumference extending in the circumferential direction at least a substantial extent, and  
• also extending in the longitudinal direction of the actuator  
: body (1).